

**10 cc Plastic Syringes, 10% Fomblin M 100,  
 Infusion rate 1 cc/min**

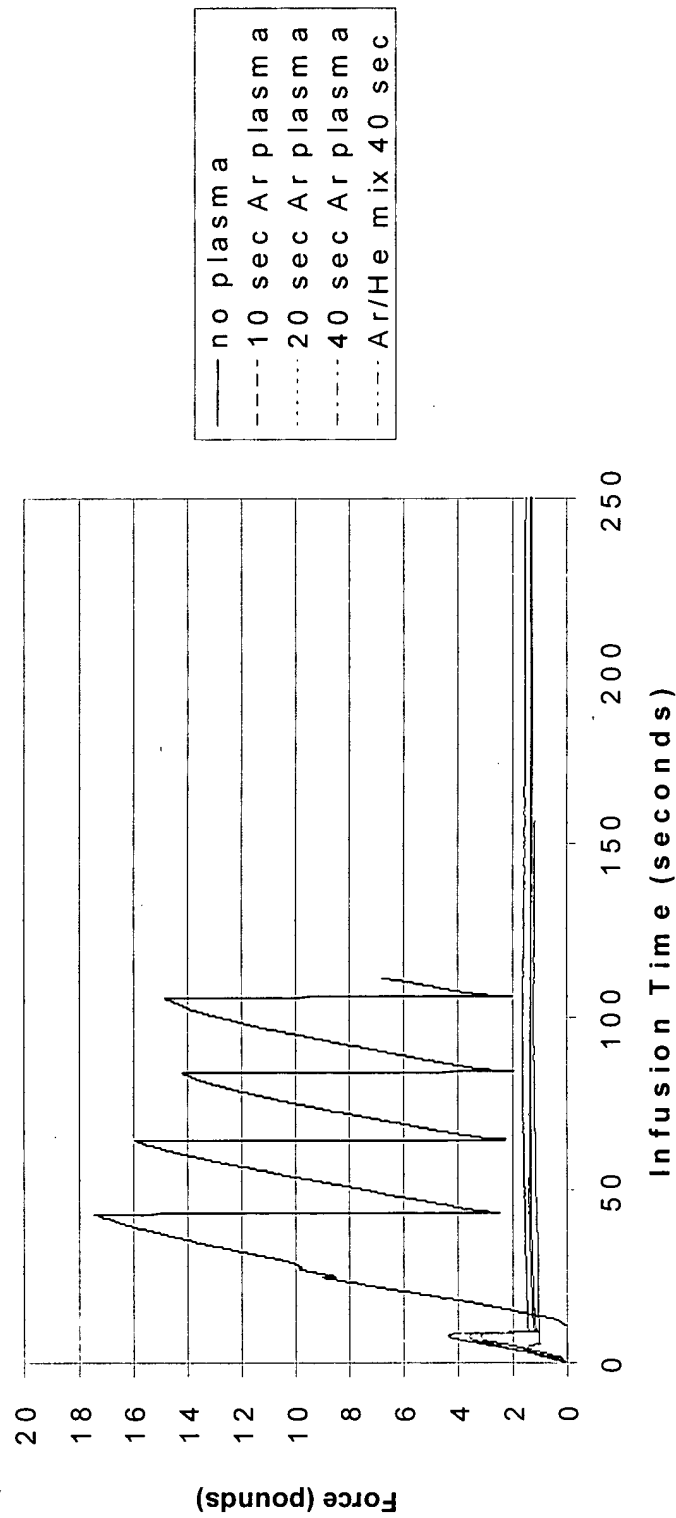


FIG. 1

# **10cc Plastic Syringes, 10% Fomblin M100** **Infusion Rate 1cc/min**

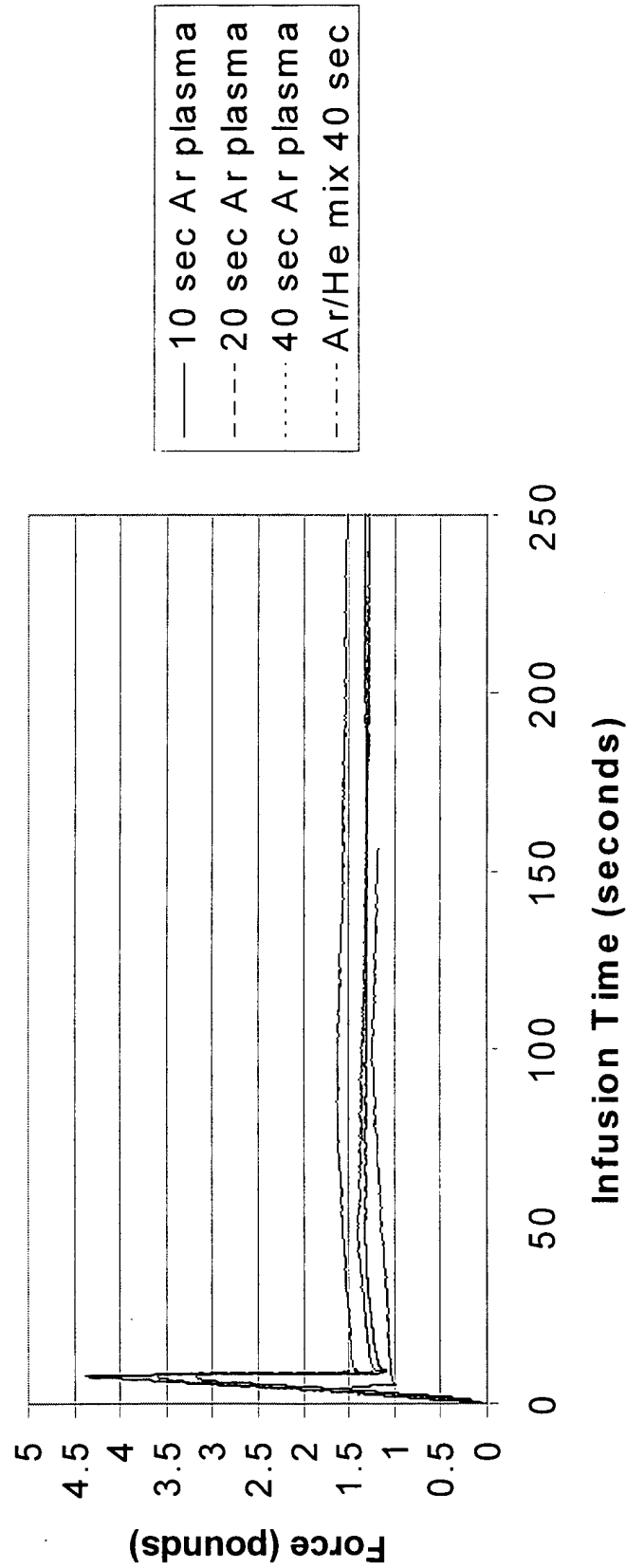


FIG. 2

# **10 cc plastic syringes, 10% Fomblin M30, Infusion Rate 3cc/min**

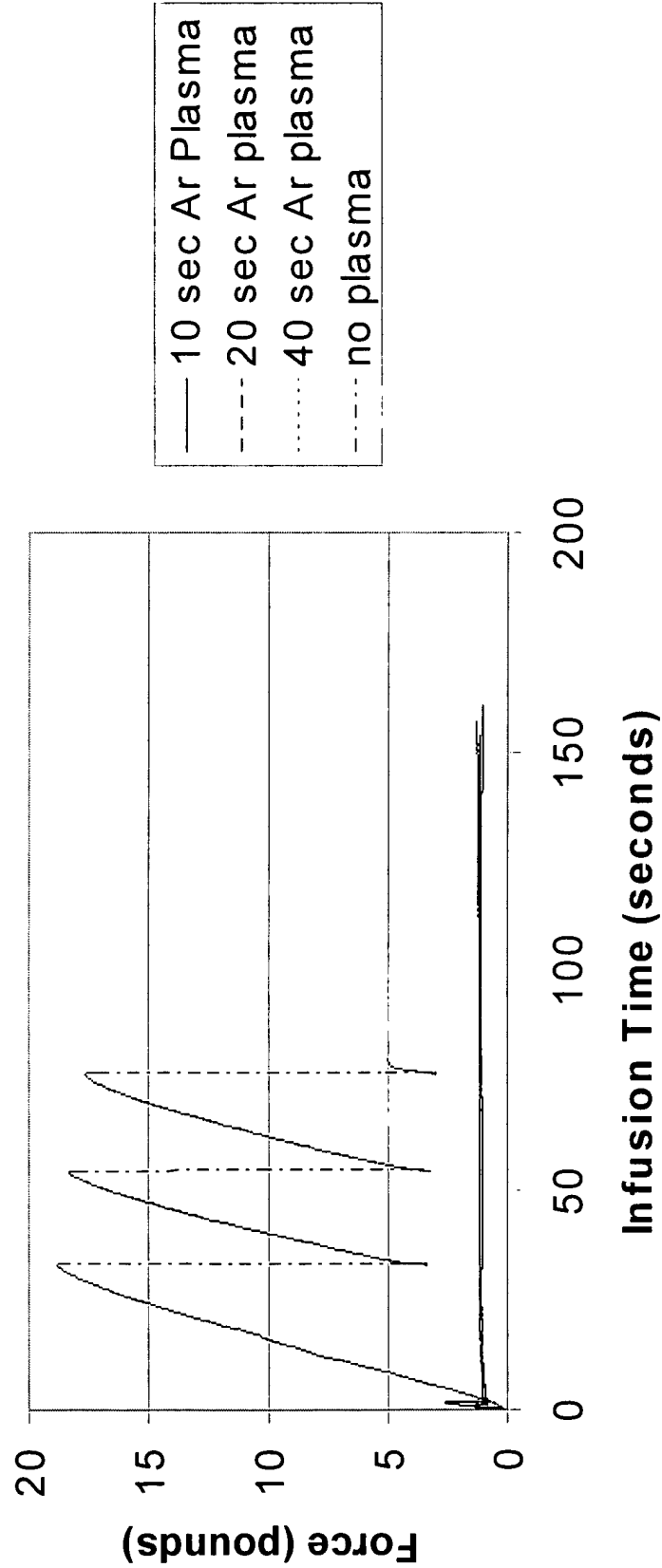


FIG. 3

## 10cc Plastic Syringes, 5% Fomblin YR, Infusion Rate 1cc/min

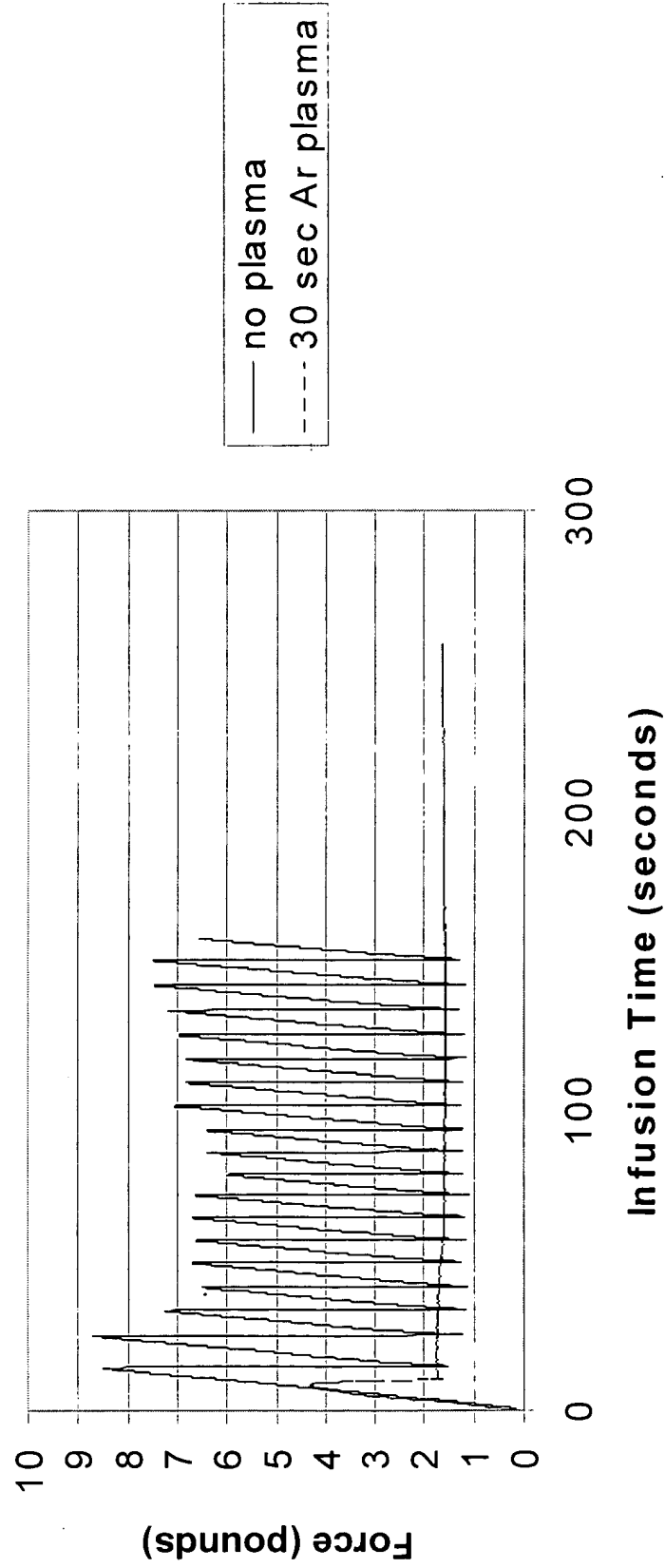


FIG. 4

## 10 cc Plastic Syringes, 10% Fomblin M100, 1 Week Parked

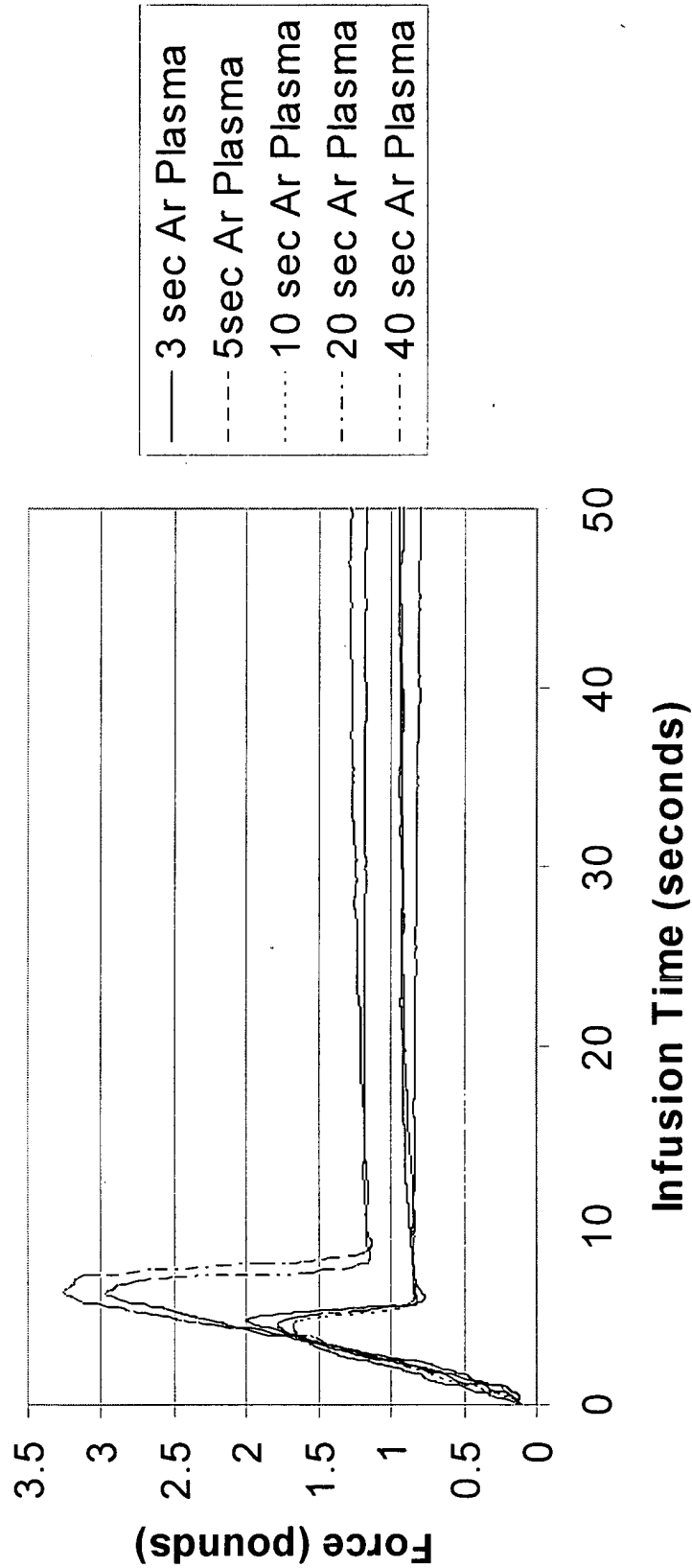


FIG. 5

## Break-out Force and Sliding Force for Various Argon Atmospheric Plasma Treatment Times

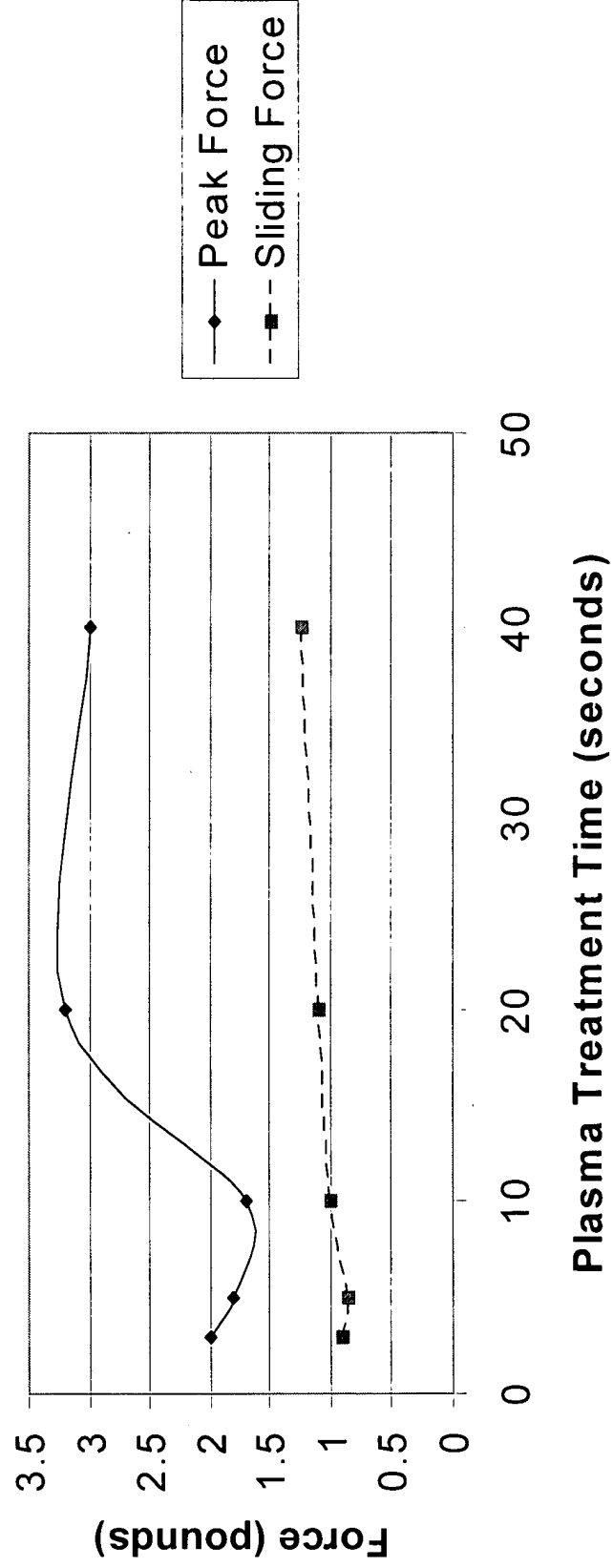


FIG. 6

## 10 cc Plastic Syringe, Silicone Oil, Infusion Rate 3cc/min

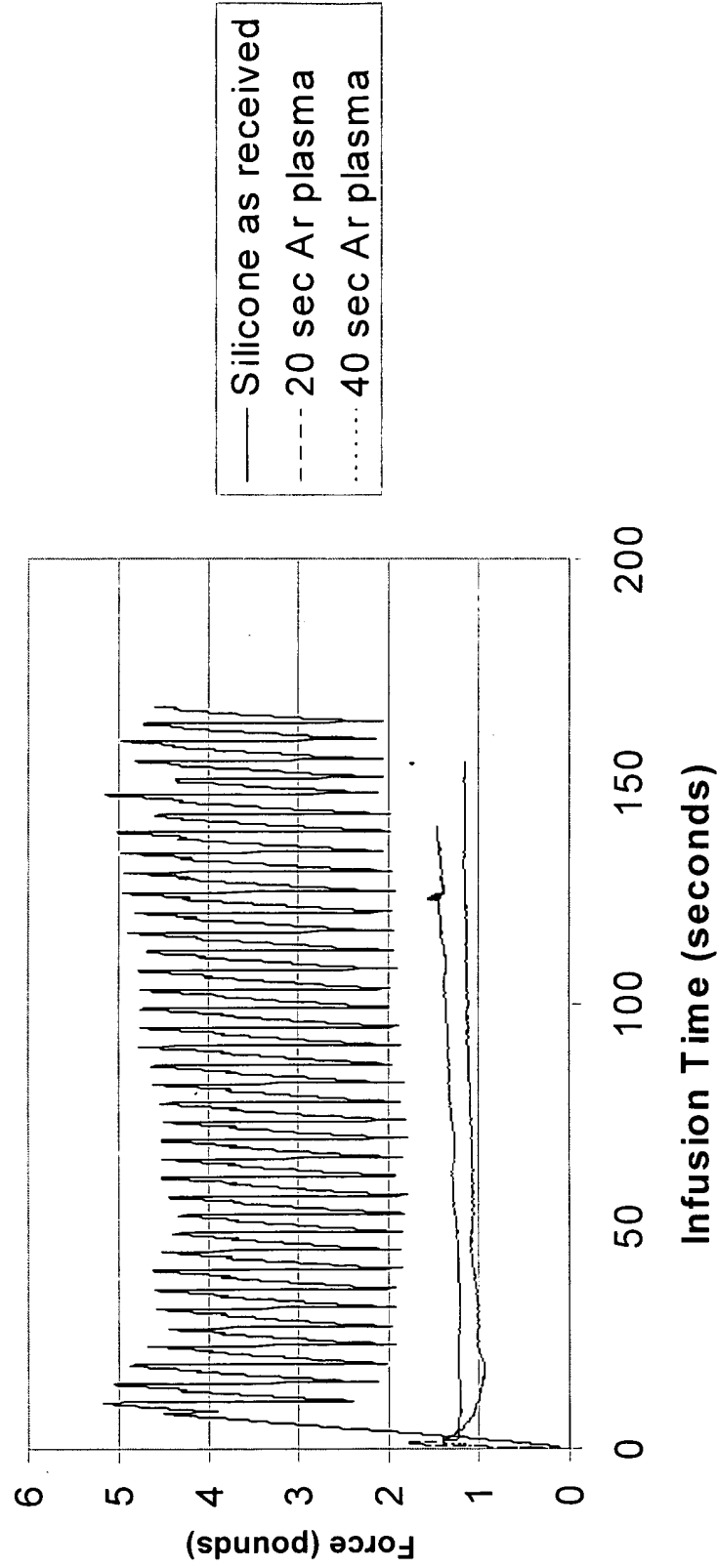


FIG. 7

Penetration Force for 25 Gauge Syringe Needles at 2 inches/min  
Perfluoropolyether Lubricant

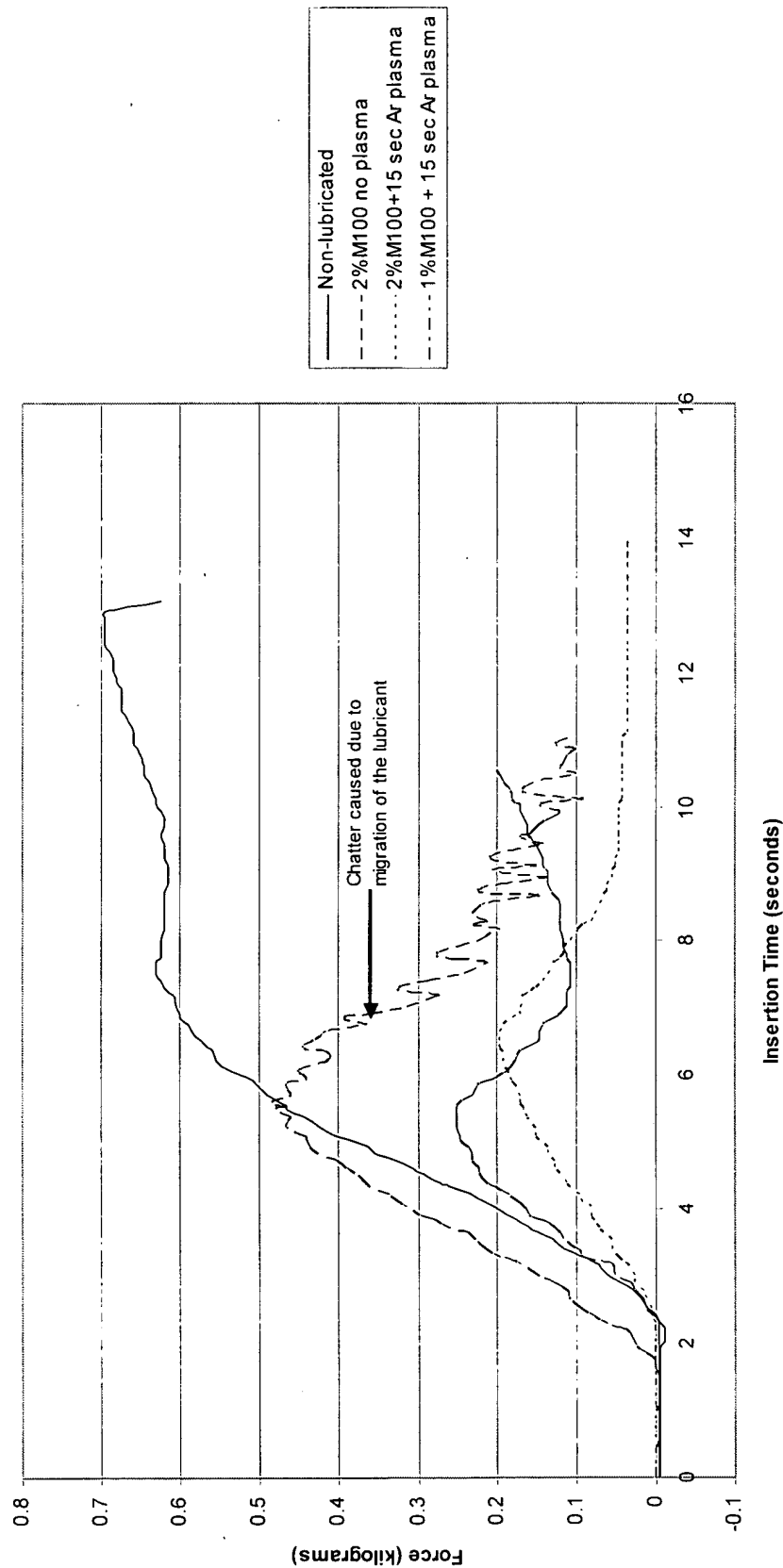


FIG. 8



## Penetration Force for 21 Gauge Needles into 20mm Stoppers at 2 inches/min

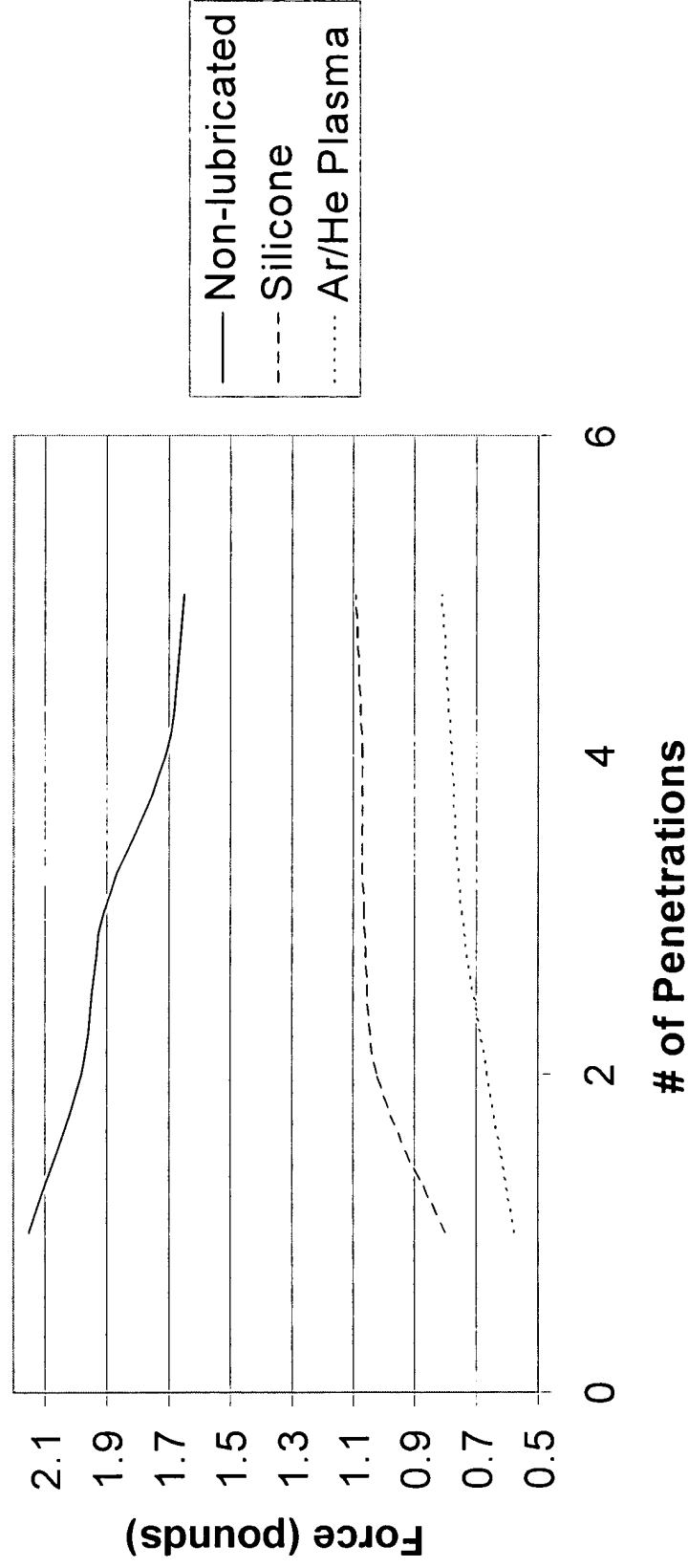


FIG. 9

# **10 cc Glass Syringes, Deionized Water, 23 Gauge Cannula, 3 Days Park Time, 0.5 cc/min**

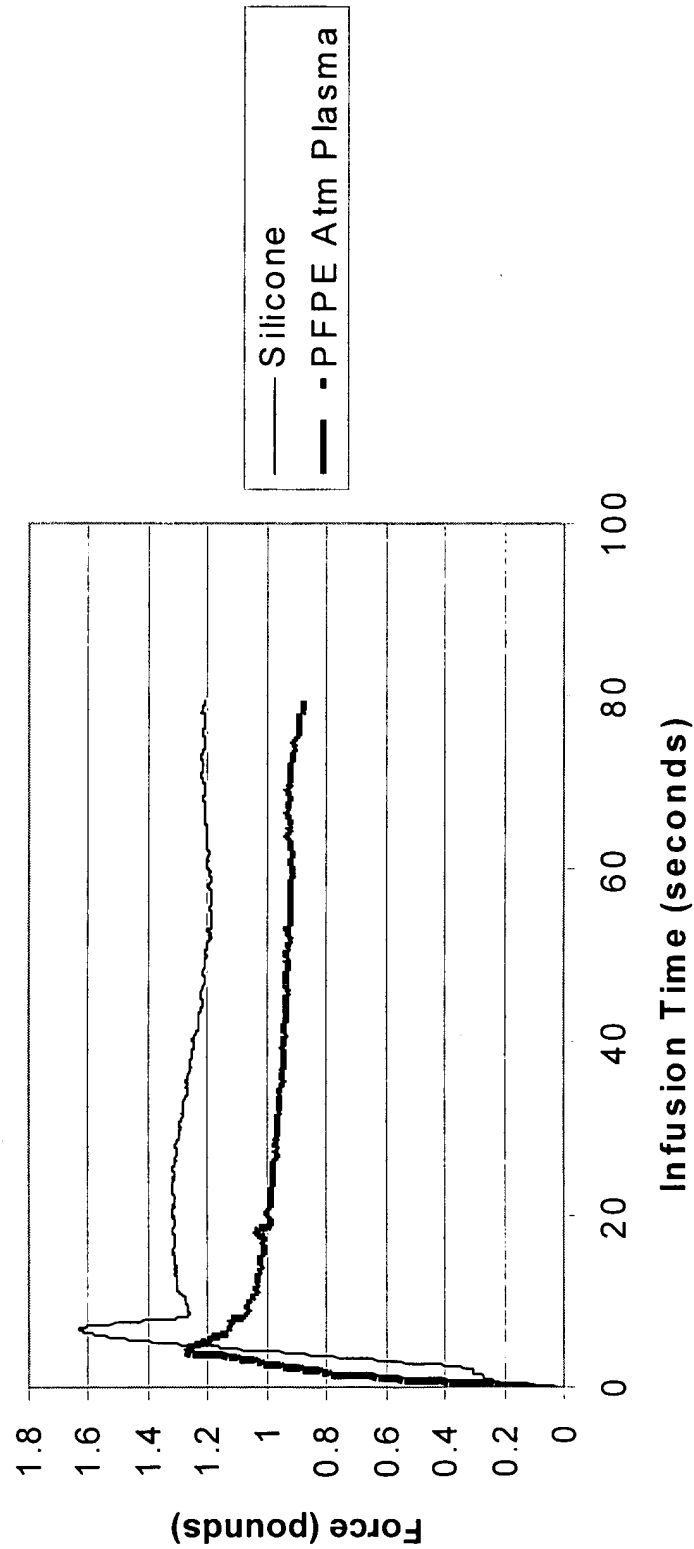


FIG. 10

**Peak Force Vs. Infusion Rate, 150 cc Contrast  
Media Syringe with PFPE Lubricant System .  
Viscosity of Infusion Medium ~ 70 cP**

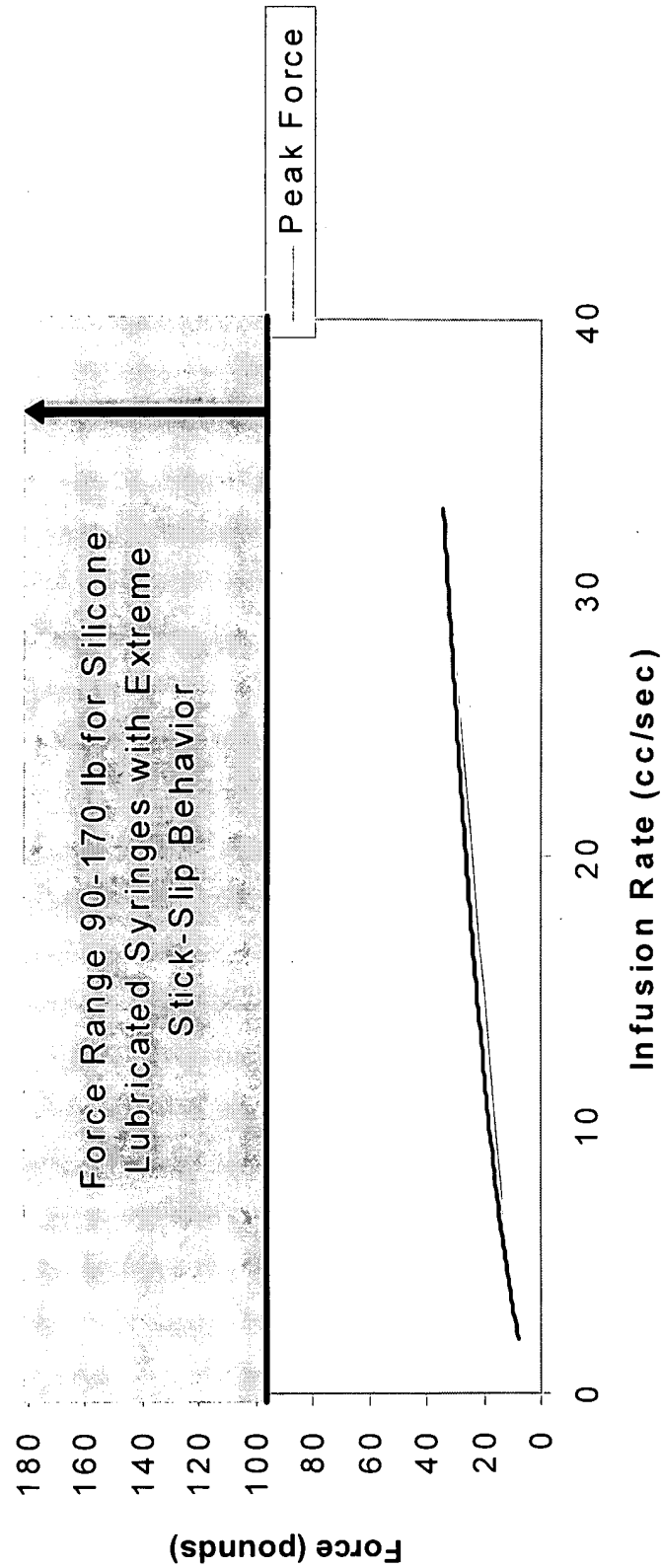


FIG. 11

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## 10cc Polypropylene Syringe, 7.5 wt. % Fomblin M100, 1cc/min Infusion Rate of Deionized Water

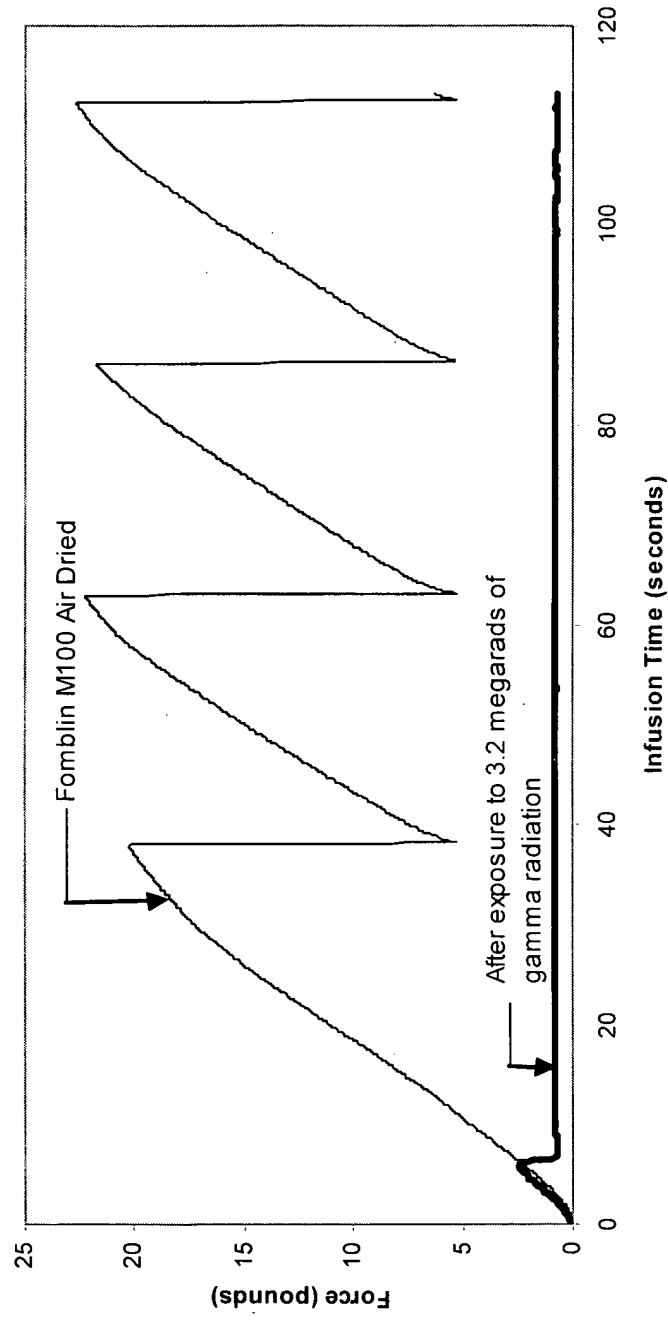


FIG. 12

## 10cc Polypropylene Syringe, 7.5 wt. % Fomblin M100, 10cc/min Infusion Rate of Deionized Water

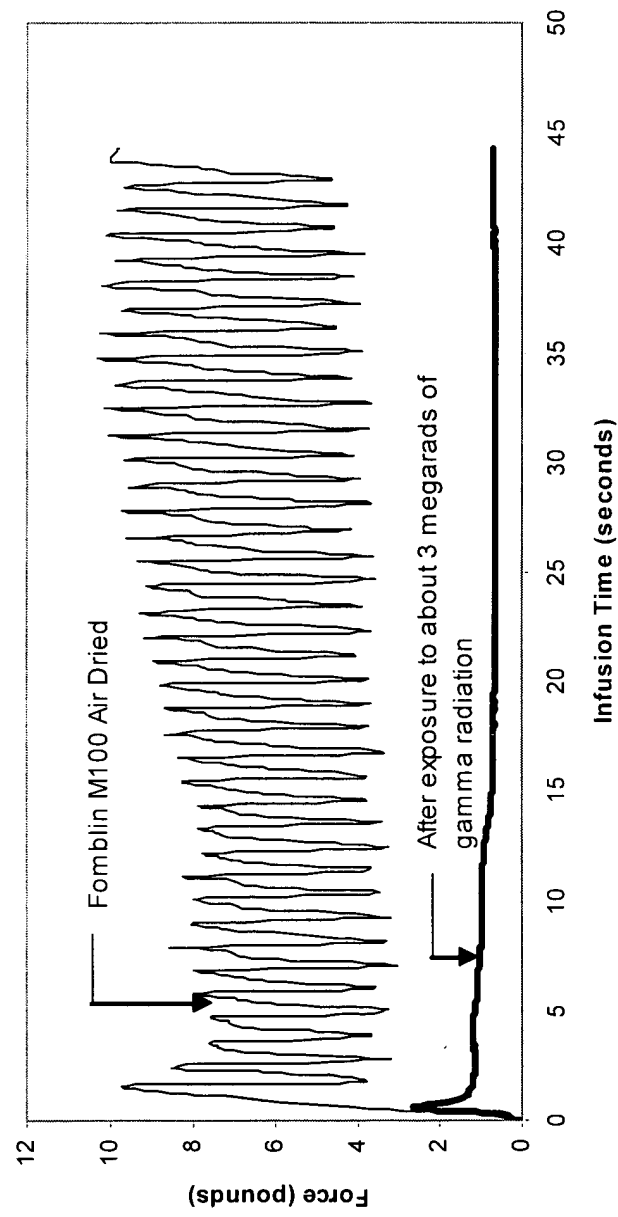


FIG. 13

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# 1cc Glass Syringe, 20 wt.% Fomblin M03, 1cc/min Infusion Rate of Deionized Water

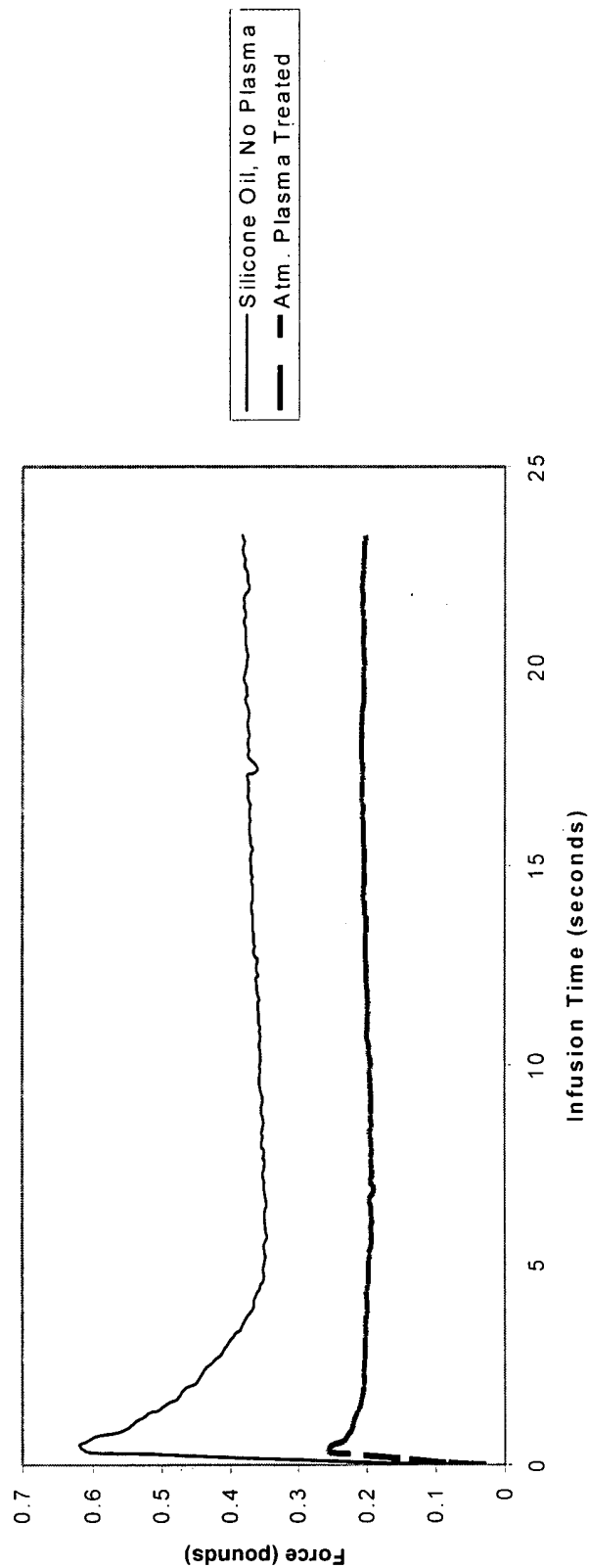


FIG. 14